

PTO/SB/21 (modified)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

02-19-02

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>	Application Number	10/003,029	
	Filing Date	October 23, 2001	
	First Named Inventor	Masoud Khansari	
	Group Art Unit Number	Not Yet Known	
	Examiner Name	Not Yet Known	
Total Number of Pages in This Submission	6+Refs	Attorney Docket Number	21676-06262

**ENCLOSURES (check all that apply)**

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**REMARKS:****SIGNATURE OF ATTORNEY OR AGENT**

Signature:			
Attorney/Reg. No.:	Greg T. Sueoka/Reg. No. 33,800	Dated:	2/8/02

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#15

PATENT

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Masoud Khansari *et al.*  
APPLICATION NO.: 10/003,029  
FILING DATE: October 23, 2001  
TITLE: Forward Error Correction Based on SONET/SDH Framing  
EXAMINER: Not Yet Known  
GROUP ART UNIT: Not Yet Known  
ATTY. DKT. NO.: 21676-06262

## CERTIFICATE OF MAILING

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Dated:

2/8/02

By:

Greg T. Sueoka, Reg. No.: 33,800

COMMISSIONER FOR PATENTS  
WASHINGTON, DC. 20231

## INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO-1449 listing references for consideration by the Examiner. Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;

- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:
  - ☐ attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission of this Information Disclosure Statement under 37 CFR § 1.97(c); OR
  - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
    - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:
  - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
    - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a

foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant request that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. [APPLICATION NUMBER], filed on [FILING DATE], and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

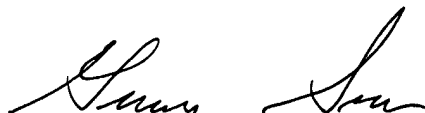
Consideration of the listed references and favorable action are solicited.

Respectfully submitted,  
MASOUD KHANSARI *ET AL.*

Dated: \_\_\_\_\_

2/8/02

By: \_\_\_\_\_



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<b>FORM PTO-1449</b> (REV. 6-89)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		Attorney's Docket No. 21676-06262	Serial No. 10/003,029
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Applicant Masoud Khansari <i>et al.</i>	
				Filing Date October 23, 2001	Group Art Unit Unknown

U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	A Sonet.com web pages. "Welcome to the Sonet Home Page" pp. 1-2 [online] [retrieved on 10/02/01]. Retrieved from the Internet: <URL: <a href="http://www.sonet.com/">http://www.sonet.com/</a> >
	B International Telecommunication Union, Series G: Transmission Systems and Media, Digital Systems and Networks, Digital transmission systems – Digital sections and digital line system – Optical fibre submarine cable systems, "Forward error correction for submarine systems," (17 pages), (11/96)
	C International Telecommunication Union, Series G: Transmission Systems and Media, Digital Systems and Networks, Digital transmission systems – Digital networks – Optical transport networks, "Architecture of optical transport networks," (37 pages), (02/99)
	D International Telecommunication Union, Series G: Transmission Systems and Media, Digital transmission systems – Terminal equipments – General, "Network node interface for the synchronous digital hierarchy (SDH)," (139 pages) (03/96)
	E "Digital Hierarchy – Formats Specifications," American National Standards Institute, N. Y., N.Y., (108 pages), © 1995 by Alliance for Telecommunications Industry Solutions
	F "Synchronous Optical Network (SONET) Transport Systems: Common Generic Criteria (A Module of TSGR, FR-440)," Telecordia Technologies, pp. i – 3-84, Issue 3, September 2000

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
 Include copy of this form with next communication to applicant.

FORM PTO-4449 (REV. 02/99)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		Attorney's Docket No. 21676-06262		Serial No. 10/003,029	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Applicant Masoud Khansari <i>et al.</i>			
				Filing Date October 23, 2001		Group Art Unit Unknown	

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes   No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
G		"Sonet Telecommunications Standard Primer," Tektronix, 08/01, © 2001, (39 pages)
H		"Synchronous Optical Network (SONET) – Basic Description including Multiplex Structure, Rates, and Formats," American National Standards Institute, N. Y., N.Y., (91 pages) © 1995 by Alliance for Telecommunications Industry Solutions
I		ITU – Telecommunication Standardization Sector, Temporary Document 9(PLEN), "Draft New Recommendation G.709 For Approval," pp. 1-85, Geneva, 5-9 February 2001

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
 Include copy of this form with next communication to applicant.